



Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17248-004US1/4804US	Application No. 10/516,785
	Applicant Aladar A. Szalay et al.		
	Filing Date June 27, 2005	Group Art Unit 1636	

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2007/0212727	9/13/07	Szalay et al.	435	6	04/25/07
	AB	2007/0202572	8/30/07	Szalay et al.	435	69.1	04/25/07
	AC	2003/0103941	06/05/03	Crombleholme et al.	424	93.2	10/09/02
	AD	2007/0025981	02/01/07	Szalay et al.	424	130.1	09/27/06
	AE	6,106,826	08/22/00	Brandt et al.	424	93.2	12/17/97
	AF	6,503,703	01/07/03	Palese et al.	435	5	08/11/00

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AG	WO 00/69448	11/23/00	WIPO				
	AH	WO 02/071062	09/12/02	WIPO				
	AI	WO 04/030631	4/15/04	WIPO				
	AJ	WO 97/35997	10/02/97	WIPO				
	AK	WO 98/05274	2/12/98	WIPO				
	AL	WO 98/35695	08/20/98	WIPO				
	AM	WO 99/30648	06/24/99	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)

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	AN	Abe et al., "Peripheral blood fibrocytes: differentiation pathway and migration to wound sites," <i>Journal of Immunology</i> 166:7556-7562 (2001).
	AO	Ballas et al., "Adult bone marrow stem cells for cell and gene therapies: implications for greater use," <i>Journal of Cellular Biochemistry. Supplement</i> 38:20-28 (2002).
	AP	Bonadio, J., "Genetic approaches to tissue repair," <i>Annals of the New York Academy of Sciences</i> 961:58-60 (2002).
	AQ	Bulte et al., "Magnetodendrimers allow endosomal magnetic labeling and in vivo tracking of stem cells," <i>Nature Biotechnology</i> , 19(12):1141-1147 (2001).
	AR	Burt et al., "Treatment of autoimmune disease by intense immunosuppressive conditioning and autologous hematopoietic stem cell transplantation," <i>Blood</i> 92(10):3505-3514 (1998).
	AS	Byun et al., "Myocardial injury-induced fibroblast proliferation facilitates retroviral-mediated gene transfer to the rat heart in vivo," <i>Journal of Gene Medicine</i> 2(1):2-10 (2000).
	AT	Chen, Y., "Orthopedic applications of gene therapy," <i>Journal of Orthopaedic Science</i> 6:199-207, (2000).

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	AU	Chen et al., "Therapeutic benefit of intravenous administration of bone marrow stromal cells after cerebral ischemia in rats," Stroke 32:1005-1011 (2001).
	AV	Chernajovsky et al., "Fighting cancer with oncolytic viruses," BMJ : British Medical Journal 332(7534):170-172 (2006).
	AW	Costa, G., et al., "Adoptive immunotherapy of experimental autoimmune encephalomyelitis via T cell delivery of the IL-12 p40 subunit," Journal of Immunology, 167(4):2379-2387 (2001).
	AX	Crombleholme, T., "Adenoviral-mediated gene transfer in wound healing," Wound Repair and Regeneration 8(6):460-472, (2000).
	AY	Cupp, C. and D. Bloom, "Gene therapy, electroporation, and the future of wound-healing therapies," Facial Plastic Surgery 18(1):53-57 (2002).
	AZ	Deodato et al. "Recombinant AAV vector encoding human VEGF165 enhances wound healing" Gene Therapy 9:777-785 (2002)
	BA	Eming, S., et al., "Gene therapy for tissue repair: approaches and prospects," British Journal of Plastic Surgery 50(7):491-500 (1997).
	BB	Falk et al., "Improved adherence of genetically modified endothelial cells to small-diameter expanded polytetrafluoroethylene grafts in a canine model," Journal of Vascular Surgery 902-908.
	BC	Fox et al., "Anaerobic bacteria as a delivery system for cancer gene therapy: in vitro activation of 5," Gene Therapy 3:173-178 (1996).
	BD	Fox et al., Erratum to "Anaerobic bacteria as a delivery system for cancer gene therapy: in vitro activation of 5," Gene Therapy 3:741 (1996).
	BE	Gautam et al., "Delivery systems for pulmonary gene therapy," American Journal of Respiratory Medicine 1(1):35-46 (2002).
	BF	Ghivizzani, S., et al., "Direct adenovirus-mediated gene transfer of interleukin 1 and tumor necrosis factor alpha soluble receptors to rabbit knees with experimental arthritis has local and distal anti-arthritic effects," Proceedings of the National Academy of Sciences of the United States of America 95(8):4613-4618 (1998).
	BG	Ghivizzani, S., et al., "Direct retrovirus-mediated gene transfer to the synovium of the rabbit knee: implications for arthritis gene therapy," Gene Therapy 4(9):977-982 (1997).
	BH	Gordon, E., et al., "Lesion-targeted injectable vectors for vascular restenosis," Human Gene Therapy, 12:1277-1287, (2001).
	BI	Gura, "Systems for identifying new drugs are often faulty," Science 278:1041-1042 (1997).
	BJ	Hall, F., et al., "Targeting retroviral vectors to vascular lesions by genetic engineering of the MoMLV gp70 envelope protein," Human Gene Therapy, 8:2183-2192, (1997).
	BK	Iwaguro et al., "Endothelial progenitor cell vascular endothelial growth factor gene transfer for vascular regeneration," Circulation 105:732-738 (2002).
	BL	Kelland et al. "Of mice and men: values and liabilities of the athymic nude mouse model in anticancer drug development," European Journal of Cancer 40:827-836 (2004).
	BM	Kerbel et al., "Human tumor xenografts as predictive preclinical models for anticancer drug activity in humans," Cancer Biology & Therapy 2:4 suppl. 1 S134-S139 (2003).
	BN	Kirn et al. "A tale of two trials: selectively replicating herpesviruses for brain tumors," Gene Therapy 7(10):815-816 (2000).
	BO	Kohler et al., "Continuous cultures of fused cells secreting antibody of predefined specificity," Nature 256:495-497 (1975).

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	BP	Kotton et al., "Bone marrow-derived cells as progenitors of lung alveolar epithelium," Development 128:5181-5188 (2001).
	BQ	Larocca et al., "Gene transfer to mammalian cells using genetically targeted filamentous bacteriophage," FASEB Journal 13:727-734 (1999).
	BR	Lee et al., "Regeneration of hyaline cartilage by cell-mediated gene therapy using transforming growth factor beta 1-producing fibroblasts" Human Gene. Ther. 12(14):1805-1813 (2001).
	BS	Liechty, K., et al., "Adenoviral-mediated overexpression of platelet-derived growth factor-B corrects ischemic impaired wound healing," Journal of Investigative Dermatology 113(3):375-383 (1999).
	BT	Lindsey et al., "Modified cold virus kills colon cancer," Lancet Oncology 3(5):264 (2002).
	BU	Lock, C., et al., "The role of TNFalpha and lymphotoxin in demyelinating disease," Annals of the Rheumatic Diseases 58 Suppl 1:I121-I128 (1999).
	BV	Lutz et al., "Independent and tight regulation of transcriptional units in Escherichia coli via the LacR/O, the TetR/O and AraC/I1-I2 regulatory elements," Nucleic Acids Research 25:1203-1210 (1997).
	BW	Marti et al., "PBSC autotransplant for inflammatory bowel disease (IBD):a case of ulcerative colitis," Bone Marrow Transplantation 28:109-113 (2001).
	BX	McCluskie et al., "Route and Method of Delivery of DNA Vaccine Influence Immune Responses in Mice and Non-Human Primates" Mol. Med. 5:287-300 (1999)
	BY	Meuli, M., et al., "Efficient gene expression in skin wound sites following local plasmid injection," Journal of Investigative Dermatology 116(1):131-135 (2001).
	BZ	Moats et al., "A 'smart' magnetic resonance imaging agent that reports on specific enzymatic activity," Angewandte Chemie 36(7):726-728 (1997).
	CA	Musso et al., "Crohn's disease complicated by relapsed extranodal Hodgkin's lymphoma: prolonged complete remission after unmanipulated PBPC autotransplant" Bone Marrow Transplantation 26:921-923 (2000)
	CB	Okuma et al., "Reinsertion of stimulated nucleus pulposus cells retards intervertebral disk degeneration: an in vitro and in vivo experimental study," Journal of Orthopaedic Research 18(6):988-997 (2000).
	CC	Orlic et al., "Bone marrow cells regenerate infarcted myocardium," Nature 410:701-705 (2001).
	CD	Parikh et al., "Endothelial cell delivery for cardiovascular therapy," Advanced drug delivery reviews 42(1-2):139-161 (2000).
	CE	Parks, E., et al., "Transient gene transfer of IL-12 regulates chemokine expression and disease severity in experimental arthritis," Journal of Immunology 160(9):4615-4619 (1998).
	CF	Pfeifer et al., "Gene Therapy: Promises and Problems," Annual Review of Genomics and Human Genetics 2:177-211 (2001).
	CG	Rosengart, T., et al., "Six-month assessment of a phase I trial of angiogenic gene therapy for the treatment of coronary artery disease using direct intramyocardial administration of an adenovirus vector expressing the VEGF121 cDNA," Annals of Surgery 230(4):466-470; discussion 470-472 (1999).
	CH	Rubanyi et al., "The future of human gene therapy," Molecular Aspects of Medicine 22:113-142 (2001).

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	CI	Schaffer, D., "Genetic approaches to tissue repair," Annals of the New York Academy of Sciences 961:68-70 (2002).
	CJ	Spencer, B., et al., "Herpes simplex virus-mediated gene delivery to the rodent visual system," Investigative Ophthalmology & Visual Science 41(6):1392-1401 (2000).
	CK	Sugaya et al., "Stem cell strategies for neuroreplacement therapy in Alzheimer's disease," Medical Hypotheses 57(6):697-700 (2001).
	CL	Wahl et al., "Improved Radioimaging and Tumor localization with Monoclonal F(ab') ₂ ," Journal of Nuclear Medicine 24:316-325 (1983).
	CM	Wedderburn et al., "Autologous stem cell transplantation for paediatric-onset polyarteritis nodosa: changes in autoimmune phenotype in the context of reduced diversity of the T- and B-cell repertoires, and evidence for reversion from the CD45RO ⁺ to RA ⁺ phenotype," Rheumatology 40:1299-1307 (2001).
	CN	Willenborg, D., "Cytokines and murine autoimmune encephalomyelitis: inhibition or enhancement of disease with antibodies to select cytokines, or by delivery of exogenous cytokines using a recombinant vaccinia virus system," Scandinavian Journal of Immunology 41(1):31-41 (1995).
	CO	Yang, W., et al., "sFlt-1 gene-transfected fibroblasts: a wound-specific gene therapy inhibits local cancer recurrence," Cancer Research 61(21):7840-7845 (2001).

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